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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 JUL 28 CA/CAplus patent coverage enhanced  
NEWS 3 JUL 28 EPFULL enhanced with additional legal status information from the epoline Register  
NEWS 4 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements  
NEWS 5 JUL 28 STN Viewer performance improved  
NEWS 6 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced  
NEWS 7 AUG 13 CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998  
NEWS 8 AUG 15 CAOLD to be discontinued on December 31, 2008  
NEWS 9 AUG 15 CAplus currency for Korean patents enhanced  
NEWS 10 AUG 27 CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information  
NEWS 11 SEP 18 Support for STN Express, Versions 6.01 and earlier, to be discontinued  
NEWS 12 SEP 25 CA/CAplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances  
NEWS 13 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and and Korean patents enhanced  
NEWS 14 SEP 29 IFICLS enhanced with new super search field  
NEWS 15 SEP 29 EMBASE and EMBAL enhanced with new search and display fields  
NEWS 16 SEP 30 CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents  
NEWS 17 OCT 07 EPFULL enhanced with full implementation of EPC2000  
NEWS 18 OCT 07 Multiple databases enhanced for more flexible patent number searching  
NEWS 19 OCT 22 Current-awareness alert (SDI) setup and editing enhanced  
NEWS 20 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications  
NEWS 21 OCT 24 CHEMLIST enhanced with intermediate list of pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

Serial No.: 10/573351

NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8      For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 11:27:29 ON 14 NOV 2008

=> file caplus  
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 11:27:40 ON 14 NOV 2008  
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FILE COVERS 1907 - 14 Nov 2008 VOL 149 ISS 21  
FILE LAST UPDATED: 13 Nov 2008 (20081113/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s alkyl (2w) branched (2w) fatty (2w) acid  
621466 ALKYL  
6734 ALKYLS  
624509 ALKYL  
             (ALKYL OR ALKYLS)  
84729 BRANCHED  
1 BRANCHEDS  
84730 BRANCHED  
             (BRANCHED OR BRANCHEDS)

412473 FATTY  
14 FATTIES  
412477 FATTY  
(FATTY OR FATTIES)  
4708515 ACID  
1660749 ACIDS  
5228331 ACID  
(ACID OR ACIDS)  
L1 22 ALKYL (2W) BRANCHED (2W) FATTY (2W) ACID

=> l1 and (linear (2w) fatty (2w) acid#)

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s l1 and (linear (2w) fatty (2w) acid#)  
665225 LINEAR  
73 LINEARS  
665264 LINEAR  
(LINEAR OR LINEARS)  
412473 FATTY  
14 FATTIES  
412477 FATTY  
(FATTY OR FATTIES)  
5229988 ACID#  
464 LINEAR (2W) FATTY (2W) ACID#  
L2 0 L1 AND (LINEAR (2W) FATTY (2W) ACID#)

=> s l2 and separat?  
443452 SEPARAT?  
319341 SEP  
12771 SEPS  
330863 SEP  
(SEP OR SEPS)  
493602 SEPD  
2 SEPDS  
493604 SEPD  
(SEPD OR SEPDS)  
115829 SEPG  
634194 SEPN  
40883 SEPNS  
654917 SEPN  
(SEPN OR SEPNS)  
1613713 SEPARAT?  
(SEPARAT? OR SEP OR SEPD OR SEPG OR SEPN)  
L3 0 L2 AND SEPARAT?

=> s l1 and fraction?  
945225 FRACTION?  
L4 1 L1 AND FRACTION?

=> d l1 ibib abs

L1 ANSWER 1 OF 22 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2008:1246311 CAPLUS  
TITLE: Synthesis of alkyl-branched

AUTHOR(S): fatty acids  
Biermann, Ursula; Metzger, Juergen O.  
CORPORATE SOURCE: Department of Pure and Applied Chemistry, University  
of Oldenburg, Oldenburg, Germany  
SOURCE: European Journal of Lipid Science and Technology  
(2008), 110(9), 805-811  
CODEN: EJLTFM; ISSN: 1438-7697  
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB Alkyl-branched fatty compds. are of interest for industrial products in the cosmetics and lubricant areas. In this review, clay- and zeolite-catalyzed isomerizations of unsatd. fatty compds., especially of oleic acid, are discussed. While clay-catalyzed reactions give most complex mixts. of dimeric fatty acids and of monomeric so-called "isostearic acid", the zeolite-catalyzed process yields preferentially an isomeric mixture of isostearic acids having the Me branch on the 8-14 positions of the alkyl chain. Synthetically useful addns. of alkyl radicals can only be performed on  $\omega$ -unsatd. fatty compds., whereas perfluoroalkyl iodides were added to fatty compds. with terminal as well as internal double bonds using electron transfer-initiated radical addition reactions. Electrophilic addns. of alkyl carbenium ions generated by decomposition of alkyl chloroformates by ethylaluminum sesquichloride give well-defined alkyl-branched oleochems. with good yields.

=> d his

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FILE 'CAPLUS' ENTERED AT 11:27:40 ON 14 NOV 2008  
L1 22 S ALKYL (2W) BRANCHED (2W) FATTY (2W) ACID  
L2 0 S L1 AND (LINEAR (2W) FATTY (2W) ACID#)  
L3 0 S L2 AND SEPARAT?  
L4 1 S L1 AND FRACTION?

=> log off

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

STN INTERNATIONAL LOGOFF AT 11:31:15 ON 14 NOV 2008